



Stantec

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November 13, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ralph Coldiron

Dear Mr. Coldiron:

**Reference: CMRS Geospatial Audit
Danville-Boyle County 9 1 1 Center**

Danville, KY 40422-1848

The Geospatial Audit of Danville-Boyle County 9 1 1 Center located in Boyle County was conducted on 10/30/2008. Danville-Boyle County 9 1 1 Center provides wireless 9-1-1 service for Boyle County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Danville-Boyle County 9 1 1 Center meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 100% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 100% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Meets audit criteria</u>
Field Data Component	<u>Meets audit criteria with</u> 100% of points tested meeting criteria
Wireless Data Component	<u>Meets audit criteria with</u> 100% of calls tested meeting criteria

Based on the results of the audit, Danville-Boyle County 9 1 1 Center meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

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GIS Project Manager
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Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name *Danville-Boyle County 9 1 1 Center*

Address		Audit Date	10/30/2008
City	Danville	Audit Personnel	MCCORMICK
Contact	Lennie Shepperson		
Contact Title	9 1 1 Coord.		

Software	Version	Vendor
EMERGITECH	6.0	EMERGITECH

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☒

Other Layers: ☒ **Type of 'other' layers used by PSAP:**

The map has 17 layers: Address, Antenna Towers, Roads, Railroads, Incorporated Cities, Perryville Battlefield, Hydrants, Disaster Sirens, Schools, Fire Stations, Boyle County Color Image, Surrounding Counties Roads, Streams, ESN, Color Images, PSAP Jurisdiction

Notes and Observations:

The Map Data was obtained by James Whisenhunt and Lennie Shepperson. The wireless calls were obtained by Robin Parks.

Observations and comments: Also present during the audit were James Whisenhunt and Shane New both of Bluegrass Area Development District

The map was last updated on 9/30/08, the frequency of updates is monthly. The data is supplied and installed in the system by Bluegrass Area Development District.